Index of Claims

Rejected

Allowed

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/824,886      | BRUIN ET AL. |  |
| Examiner        | Art Unit     |  |

1764

Jennifer A. Leung

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(Through numeral) Cancelled

Restricted

| Non-Elected  | Α | Appeal   |
|--------------|---|----------|
| Interference | o | Objected |

|          |          |                |          |                 |          |          |  |              |  |          |          |          |  |              | 1                   | [        |          |          |          |          |     |     |          |            |              |              |                    |          |          |           |          |          |               |
|----------|----------|----------------|----------|-----------------|----------|----------|--|--------------|--|----------|----------|----------|--|--------------|---------------------|----------|----------|----------|----------|----------|-----|-----|----------|------------|--------------|--------------|--------------------|----------|----------|-----------|----------|----------|---------------|
| Cla      |          |                | Date     |                 |          |          |  |              |  | Cla      | aim      | Date     |  |              |                     |          |          |          |          |          | Cla | aim | Date     |            |              |              |                    |          |          |           |          |          |               |
| Final    | igi      | 23/23/04       |          |                 |          |          |  |              |  |          | Final    | Original |  |              |                     |          |          |          |          |          |     |     | Final    | Original   |              |              |                    |          | -        |           |          |          |               |
|          | 1        |                |          |                 |          |          |  |              |  |          |          | 51       |  |              |                     | $\perp$  |          |          |          |          |     |     |          | 101        |              |              |                    |          |          |           | _        |          | _             |
|          | 4        | <u> </u>       |          |                 |          |          |  |              |  |          |          | 52       |  |              |                     |          |          |          |          |          | _   |     |          | 102        |              | L            |                    |          |          | _         | $\dashv$ | _        | _             |
| Li       | _1_      | <u> </u>       | Ш        |                 |          |          |  |              | _  |          |          | 53       |  |              |                     |          |          |          | 4        |          |     |     |          | 103        |              |              |                    |          |          | _         |          |          |               |
|          | 4        | L              | Ш        |                 | _        |          |  |              |  | _        |          | 54       | _  |              |                     |          |          | _        | 4        | _        |     |     |          | 104        |              |              |                    |          | _        |           |          |          |               |
|          | -\$      | _              | Ш        |                 |          |          |  | L            |  |          |          | 55       | _  |              |                     | _        | _        | _ -      | _        |          |     |     |          | 105        |              |              | Ц                  |          | _        | _         | _        | _        | _             |
|          | _€_      | ļ              |          |                 | _        |          |  | Ш            |  | _        |          | 56       |  |              |                     | 4        |          | +        | 4        | _        | _   |     |          | 106        |              |              |                    |          |          |           | $\dashv$ | $\dashv$ | _             |
|          |          | <u> </u>       |          |                 | _        |          | Ŀ  | H            | _  |          |          | 57       |  |              |                     |          | -        |          | 4        |          | _   |     |          | 107        |              |              |                    |          |          | -         |          |          |               |
|          | -\$      |                | Н        |                 |          |          | <u> </u>   |              | $\vdash$   |          |          | 58<br>59 |  |              | $\vdash$            |          | $\dashv$ | +        | +        |          | _   |     |          | 108        |              |              |                    |          | $\dashv$ | _         | -        |          |               |
|          | 4        | -              | Н        |                 |          |          | <u> </u>   | $\vdash$     | $\vdash$   |          |          | 60       | -  |              |                     |          | -+       | +        | +        | +        | -   |     |          | 109<br>110 |              | _            | -                  |          | $\dashv$ | -         | $\dashv$ | $\dashv$ | $\overline{}$ |
|          | 10<br>11 |                | H        | $\vdash$        |          |          |  | -            | $\vdash$   | $\dashv$ | L        | 61       | ├  | <del> </del> |                     | -        |          |          | $\dashv$ | +        | +   |     |          | 111        |              | H            | $\vdash$           | $\vdash$ |          | $\dashv$  | $\dashv$ | $\dashv$ | _             |
|          | 12       | ┼              | $\vdash$ | $\vdash$        |          |          | $\vdash$   |              | $\vdash$   |          |          | 62       | $\vdash$   |              |                     | -        | $\dashv$ | +        | +        | +        | -   |     | <u> </u> | 112        |              |              |                    | -        |          |           | $\dashv$ | $\dashv$ |               |
| $\vdash$ | (13)     | =              | Н        | $\vdash$        |          |          |  |              | $\vdash$   | $\dashv$ |          | 63       | -  |              | $\vdash$            | $\dashv$ | $\dashv$ | +        | $\dashv$ | -        |     |     |          | 113        | H            |              | H                  | H        | ᅱ        | $\dashv$  |          | $\dashv$ |               |
|          | 14       | 1=             | $\vdash$ | $\vdash$        |          |          |  | +-           | $\vdash$   | $\dashv$ |          | 64       | -  |              | $\forall$           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | -        | -   |     |          | 114        |              |              | $\vdash$           |          | $\neg$   |           |          |          |               |
| 2        | 15       | =              | H        | $\vdash \vdash$ | -        |          | <del>                                     </del> | $\vdash$     | $\vdash$   | _        |          | 65       |  |              | $\vdash$            | $\dashv$ | $\dashv$ |          | -+       |          |     |     |          | 115        | H            |              | H                  |          |          | -         | _        | $\dashv$ | $\overline{}$ |
| 3        | 16       | =              | Н        | -               |          |          |  | $\vdash$     | $\vdash$   | -        |          | 66       |  |              | $\vdash$            | 7        | $\dashv$ | +        | $\dashv$ | $\dashv$ |     |     |          | 116        |              | <b></b>      |                    | Н        |          | $\exists$ | $\neg$   | $\dashv$ | Π             |
| <u> </u> | 17       | +              | $\Box$   |                 | $\dashv$ |          |  |              |  |          |          | 67       |  |              | $\Box$              | 7        |          | $\top$   | T        | $\dashv$ |     |     |          | 117        |              |              | П                  |          |          |           |          |          | <u> </u>      |
|          | 18       |                | Ħ        |                 |          |          | 一  |              | П  |          |          | 68       |  |              |                     | 寸        | $\neg$   | $\top$   | ı        | $\neg$   | _   |     |          | 118        |              |              |                    |          |          |           |          | $\neg$   | Γ             |
|          | 19       |                | П        |                 |          |          |  |              |  |          |          | 69       |  |              | П                   | 寸        |          |          |          |          |     |     |          | 119        |              |              |                    |          |          |           |          |          |               |
|          | 20       |                |          |                 |          |          |  |              |  |          |          | 70       |  |              | П                   |          | 1        |          |          |          |     |     |          | 120        |              |              |                    |          |          |           |          |          |               |
|          | 21       |                |          |                 |          |          |  |              |  |          |          | 71       |  |              |                     |          |          |          |          |          |     |     |          | 121        |              |              |                    |          |          |           |          |          |               |
|          | 22       |                |          |                 |          |          |  |              |  |          |          | 72       |  |              |                     |          |          |          |          |          |     |     |          | 122        |              |              |                    |          |          |           |          |          |               |
|          | 23       |                |          |                 |          |          |  |              |  |          |          | 73       |  |              |                     |          |          |          |          |          |     |     |          | 123        |              |              |                    |          |          |           |          |          | _             |
|          | 24       | L              |          |                 |          |          |  |              |  |          |          | 74       |  |              |                     |          |          |          | _        |          |     |     |          | 124        |              |              |                    |          |          |           | _        |          | <u>_</u>      |
|          | 25       | ┖              |          |                 |          | L_       |  |              | Ц  |          |          | 75       |  |              | Ш                   | _        |          |          | 4        | _        | _   |     |          | 125        | _            | _            |                    |          | _        |           |          | _        | $\vdash$      |
|          | 26       |                |          |                 |          |          | _  |              |  |          | L        | 76       |  |              |                     | _        |          |          | _        |          |     |     |          | 126        | _            | _            |                    |          |          |           | _        | _        | $\vdash$      |
|          | 27       |                |          |                 |          |          |  |              | Ш  |          |          | 77       |  | _            |                     | _        | _        | _        | 4        | 4        | _   |     |          | 127        | <u> </u>     | ļ            | _                  |          |          |           |          | _        | ⊢             |
|          | 28       | ┞              | _        |                 |          | _        |  |              | $\sqcup$   |          |          | 78       |  | _            | $\sqcup$            |          |          |          | 4        | -        |     |     |          | 128        |              | _            |                    |          |          | -         |          | -        | <del> </del>  |
| <u> </u> | 29       | -              | _        |                 |          | $\vdash$ |  |              | <del>                                     </del> |          |          | 79       | ļ  | <u> </u>     |                     |          | $\dashv$ | +        | $\dashv$ | -        |     |     |          | 129        |              |              |                    |          |          | -         | $\dashv$ | $\dashv$ | -             |
|          | 30       | $\vdash$       |          | $\vdash$        |          |          |  |              | Н  |          |          | 80       | $\vdash$   | -            | H                   | $\dashv$ | $\dashv$ | $\dashv$ |          |          |     |     |          | 130<br>131 |              | -            |                    |          |          |           | -1       | -        | $\vdash$      |
| <u> </u> | 31<br>32 | 1              | $\vdash$ | $\vdash\dashv$  | -        | H        | $\vdash$   | -            | $\vdash$   |          | <u> </u> | 81<br>82 | $\vdash$   | $\vdash$     | $\vdash \vdash$     | -        | -+       | +        | $\dashv$ | +        |     |     | -        | 132        | <del> </del> |              | -                  | -        | -        |           | $\vdash$ | $\dashv$ | $\vdash$      |
|          | 33       | $\vdash$       | -        |                 |          |          | -  | -            | $\vdash$   |          |          | 83       | ┼  |              |                     |          | $\dashv$ | +        | $\dashv$ | $\dashv$ |     |     |          | 133        | -            | 1            |                    |          |          |           | $\dashv$ | -        |               |
|          | 34       | 1              | $\vdash$ | $\vdash$        |          | H        | $\vdash$   | 1            |  |          |          | 84       | -  | <u> </u>     |                     | $\dashv$ | $\dashv$ | +        | $\dashv$ | $\dashv$ |     |     |          | 134        | -            | 1            |                    |          |          |           |          | -        |               |
|          | 35       | +              | 1        |                 |          | H        | $\vdash$   | <del> </del> |  |          |          | 85       | -  | <del> </del> |                     | 1        | $\dashv$ | +        | +        | $\dashv$ |     | 1   |          | 135        |              |              |                    |          |          |           |          |          | Γ             |
|          | 36       | t              |          |                 |          | $\vdash$ | $\vdash$   | $\vdash$     |  |          |          | 86       | <del>                                     </del> | <u> </u>     | $\vdash$            | $\dashv$ | $\dashv$ | $\top$   | 1        | $\dashv$ | _   |     |          | 136        |              |              |                    |          |          | $\vdash$  |          |          |               |
|          | 37       | 1              |          | Н               | _        |          | <u> </u>   | $\vdash$     | П  |          |          | 87       |  |              | Ħ                   |          | $\dashv$ | 十        | 1        | 1        |     |     |          | 137        |              | 1            |                    |          |          |           |          |          |               |
|          | 38       | 1              | П        | П               |          |          |  | T            | П  |          |          | 88       |  |              | П                   | T        |          | 丁        |          | $\Box$   |     | 1   |          | 138        |              |              |                    |          |          |           |          |          | Γ             |
|          | 39       |                |          |                 |          |          |  |              |  |          |          | 89       |  |              |                     |          | _†       | _†       |          | $\Box$ † |     |     |          | 139        |              |              |                    |          |          |           |          |          |               |
|          | 40       |                |          |                 |          |          |  |              |  |          |          | 90       |  |              |                     |          |          |          | floor    | $\Box$   |     |     |          | 140        | L            |              |                    |          |          |           |          |          |               |
|          | 41       |                |          |                 |          |          |  |              |  |          |          | 91       |  |              |                     |          |          | $\perp$  |          | $\Box$   |     |     |          | 141        |              |              |                    |          |          |           |          |          | L             |
|          | 42       |                |          |                 |          |          | Ĺ  |              |  |          |          | 92       |  |              | Ш                   | $\Box$   | $\Box$   | $\perp$  | $\prod$  | $\Box$   |     |     | L        | 142        |              |              | $oxedsymbol{oxed}$ | $\Box$   |          |           | Ш        |          | L             |
|          | 43       |                |          |                 |          | <u> </u> | ļ  | _            | Ш  |          |          | 93       |  |              | Ш                   |          |          | $\perp$  | _        | _        |     |     |          | 143        | <u>L</u>     | <u> </u>     |                    |          |          |           |          |          | _             |
|          | 44       | <u> </u>       |          |                 |          |          |  | <u> </u>     |  |          | ļ        | 94       | <u> </u>   | <u> </u>     | $\sqcup \downarrow$ | _        | _        | _        | $\dashv$ |          |     |     | L        | 144        | Ь            |              | _                  |          |          |           | $\Box$   |          | $\vdash$      |
|          | 45       | 1              | <u> </u> |                 |          |          | <u> </u>   | <del> </del> | Ш  |          | <u> </u> | 95       | _  |              | Щ                   | _        |          | $\perp$  | _        | $\dashv$ |     |     | ļ        | 145        | <b> </b>     | <del> </del> |                    | _        |          |           |          |          | -             |
|          | 46       | 1_             | _        |                 |          |          | ļ  | <u> </u>     | $\sqcup$   |          | ļ        | 96       | $\vdash$   | <u> </u>     | $\sqcup$            | _        | $\dashv$ | _        | 4        | _        |     |     | <u> </u> | 146        |              | <u> </u>     | $\vdash$           | _        |          |           |          |          | -             |
|          | 47       | <del> </del>   |          | Ш               |          | ļ        |  | <u> </u>     | $\sqcup$   |          |          | 97       | <u> </u>   | <u> </u>     | $\sqcup$            |          | $\dashv$ | $\dashv$ | -        | _        | _   |     | <u> </u> | 147        | <u> </u>     |              | -                  | H        |          | <u> </u>  | $\vdash$ |          | $\vdash$      |
|          | 48       | <del> </del> - | $\vdash$ | Н               | _        | ļ        | _  |              |  |          | ļ        | 98       | <del> </del> -                                   | <u> </u>     | -                   | 4        |          | +        | $\dashv$ | $\dashv$ |     |     |          | 148        | -            | -            | $\vdash$           |          |          | Н         |          |          | -             |
| <u> </u> | 49       | $\vdash$       | -        |                 |          | <b>—</b> | <u> </u>   |              | $\vdash \vdash$                                  |          | ļ        | 99       | <del> </del>                                     | <b> </b> -   | $\vdash \vdash$     | -        | $\dashv$ | -+-      | -        | +        | _   |     | <u> </u> | 149<br>150 |              |              | -                  | $\vdash$ | -        |           |          |          | -             |
| L        | 50       | J              |          | L_J             |          | L        | l  |              | LL   |          | <br>     | 100      |  |              | ш                   | 1        |          |          |          |          | _   | J   | L        | 150        |              | L.           | L                  |          |          | !         | I        |          |               |